

Woo-Seop KIM
SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
Attorney Docket No. 9898-317/Application No. 10/748,748

1/10

FIG. 1 (PRIOR ART)

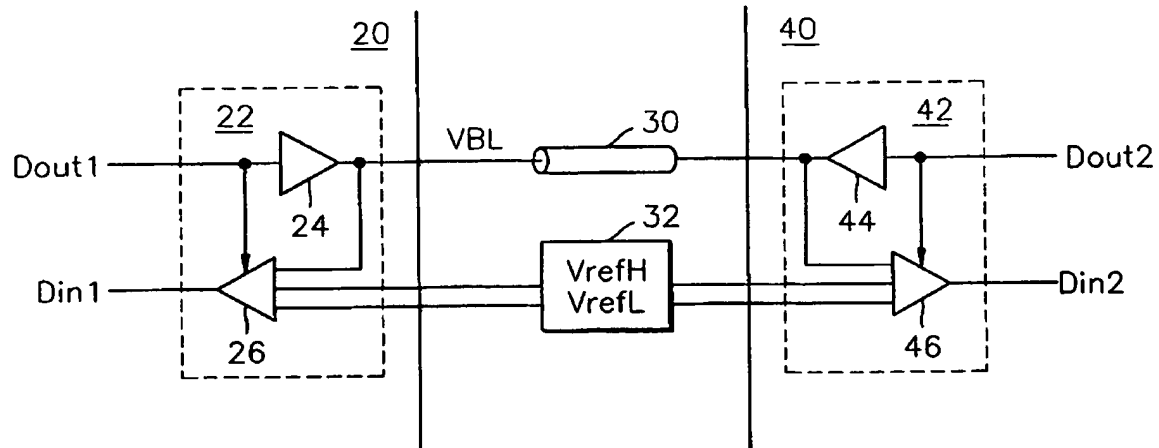
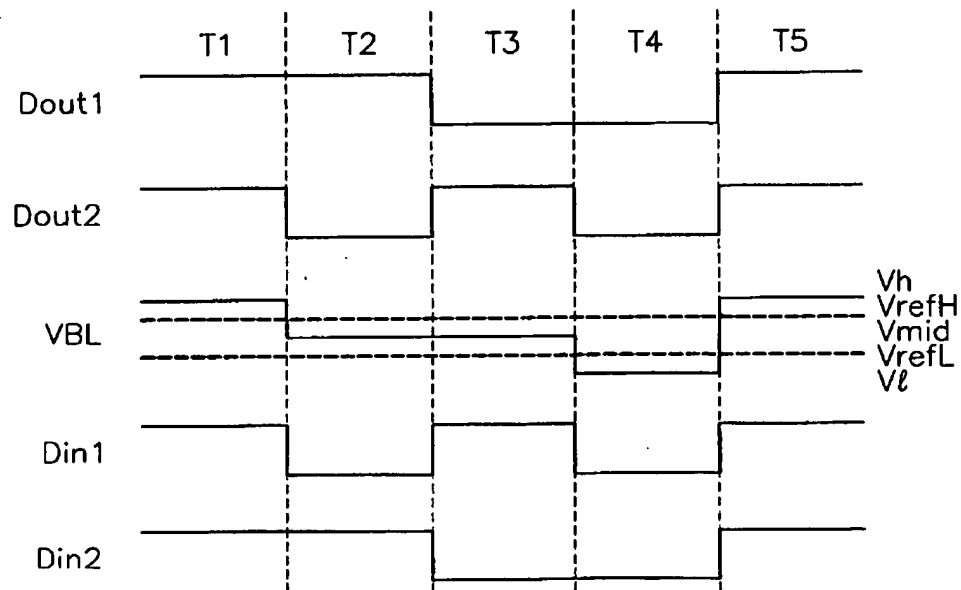


FIG. 2 (PRIOR ART)



Woo-Seop KIM
SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
Attorney Docket No. 9898-317/Application No. 10/748,748

2/10

FIG. 3A (PRIOR ART)

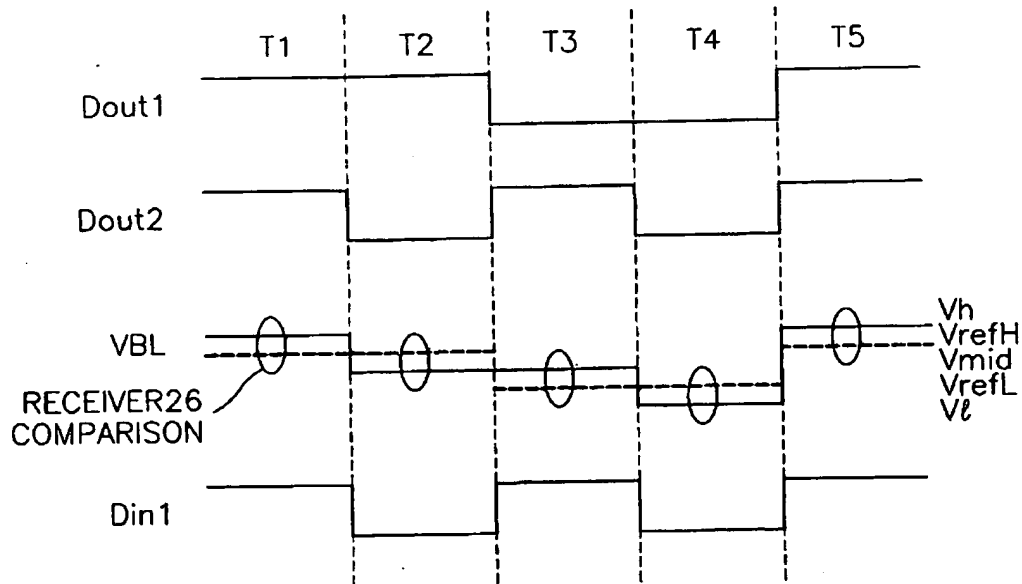
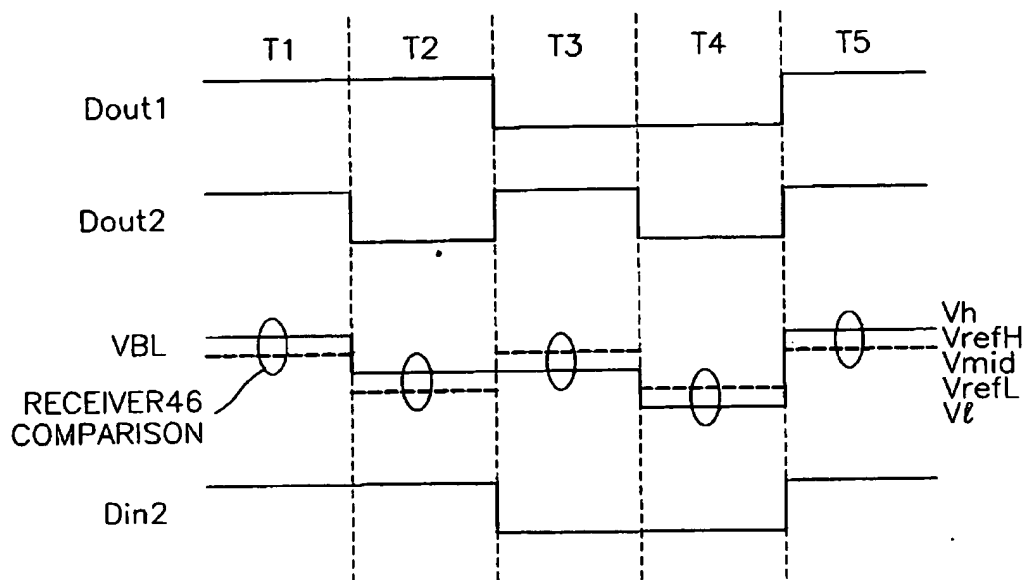
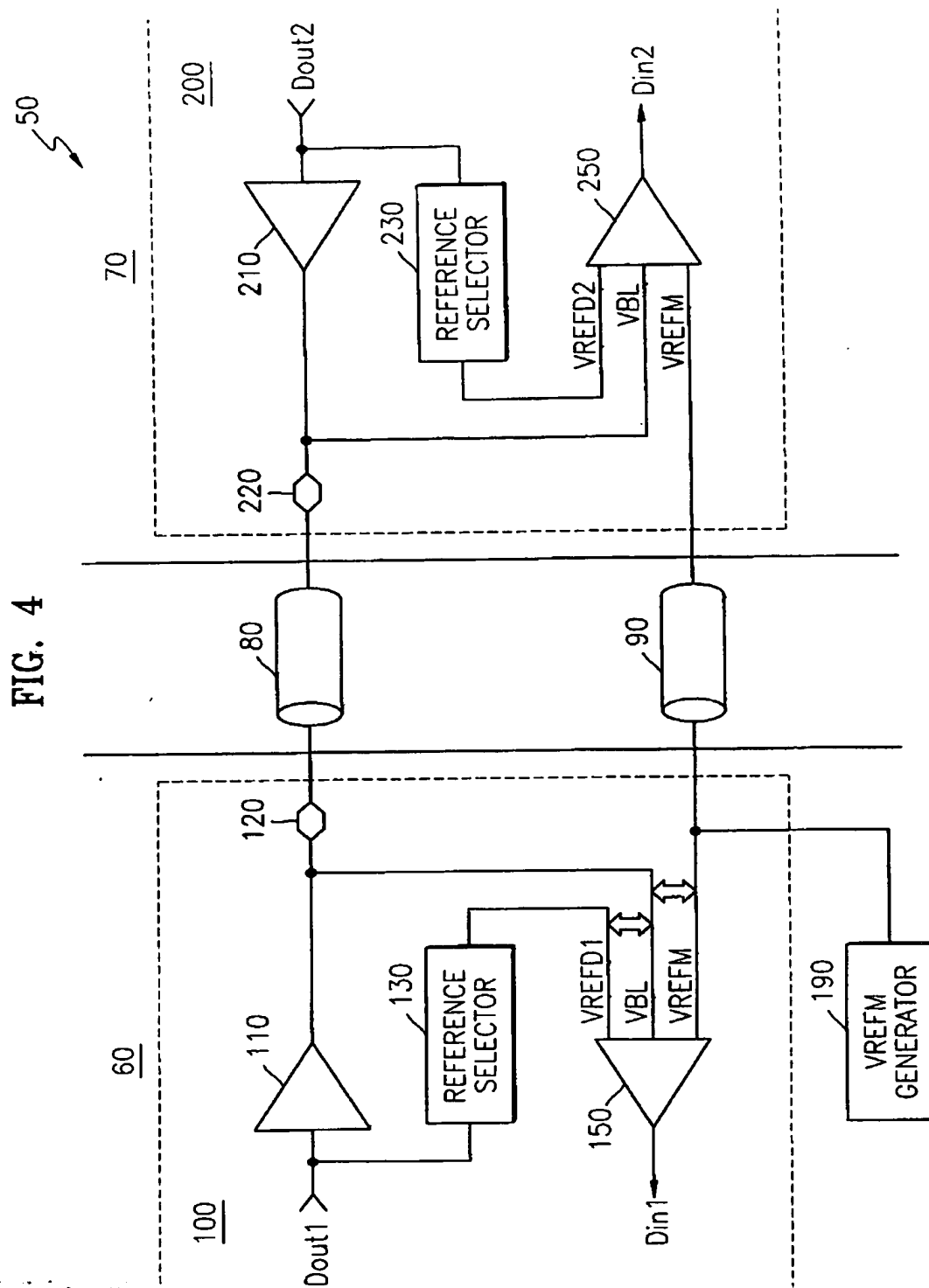


FIG. 3B (PRIOR ART)



Woo-Seop KIM
SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
Attorney Docket No. 9898-317/Application No. 10/748,748

3/10



Woo-Seop KIM
SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
Attorney Docket No. 9898-317/Application No. 10/748,748

4/10

FIG. 5A

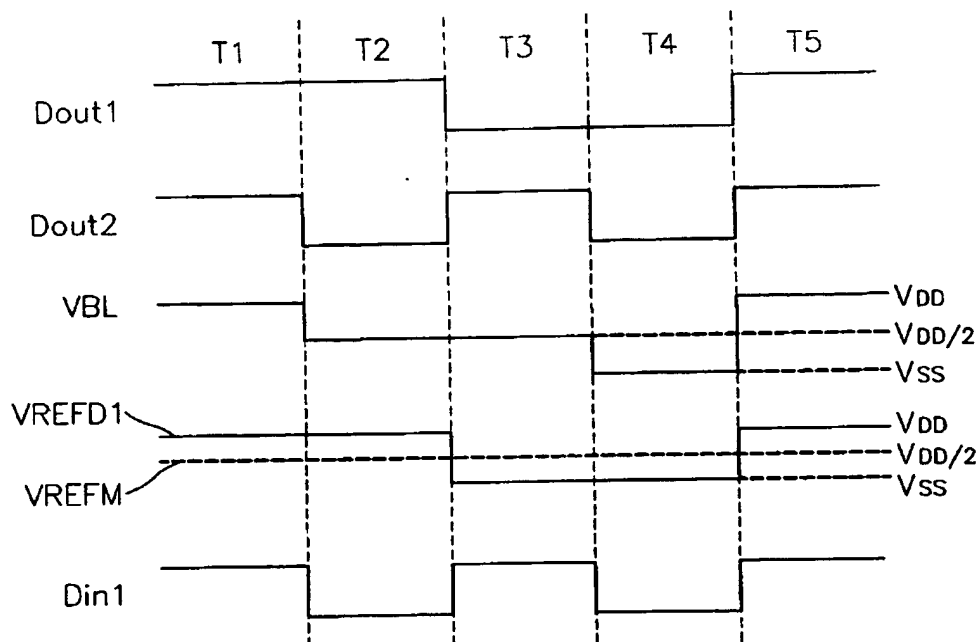
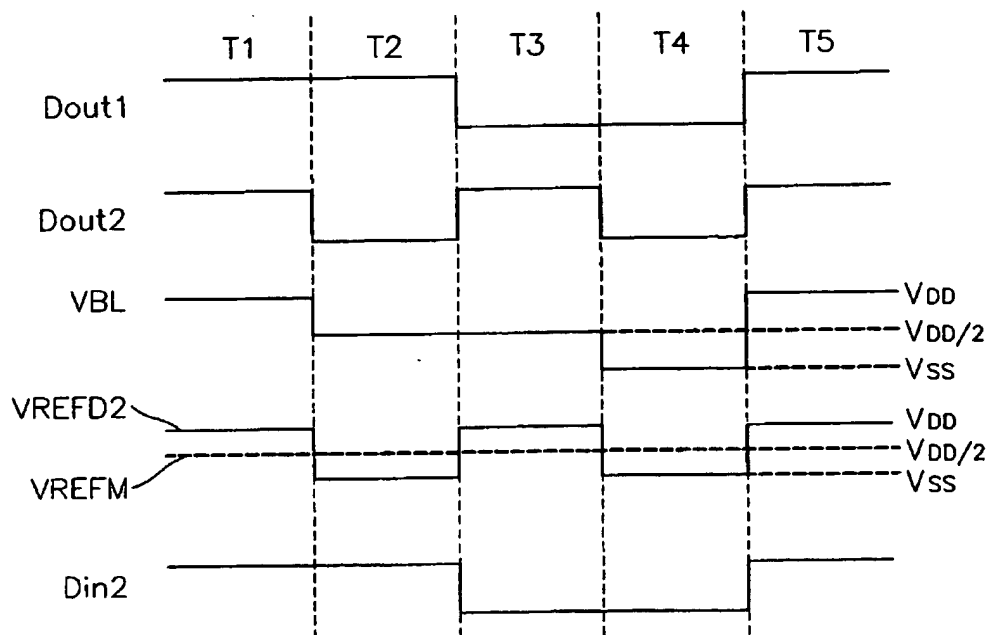


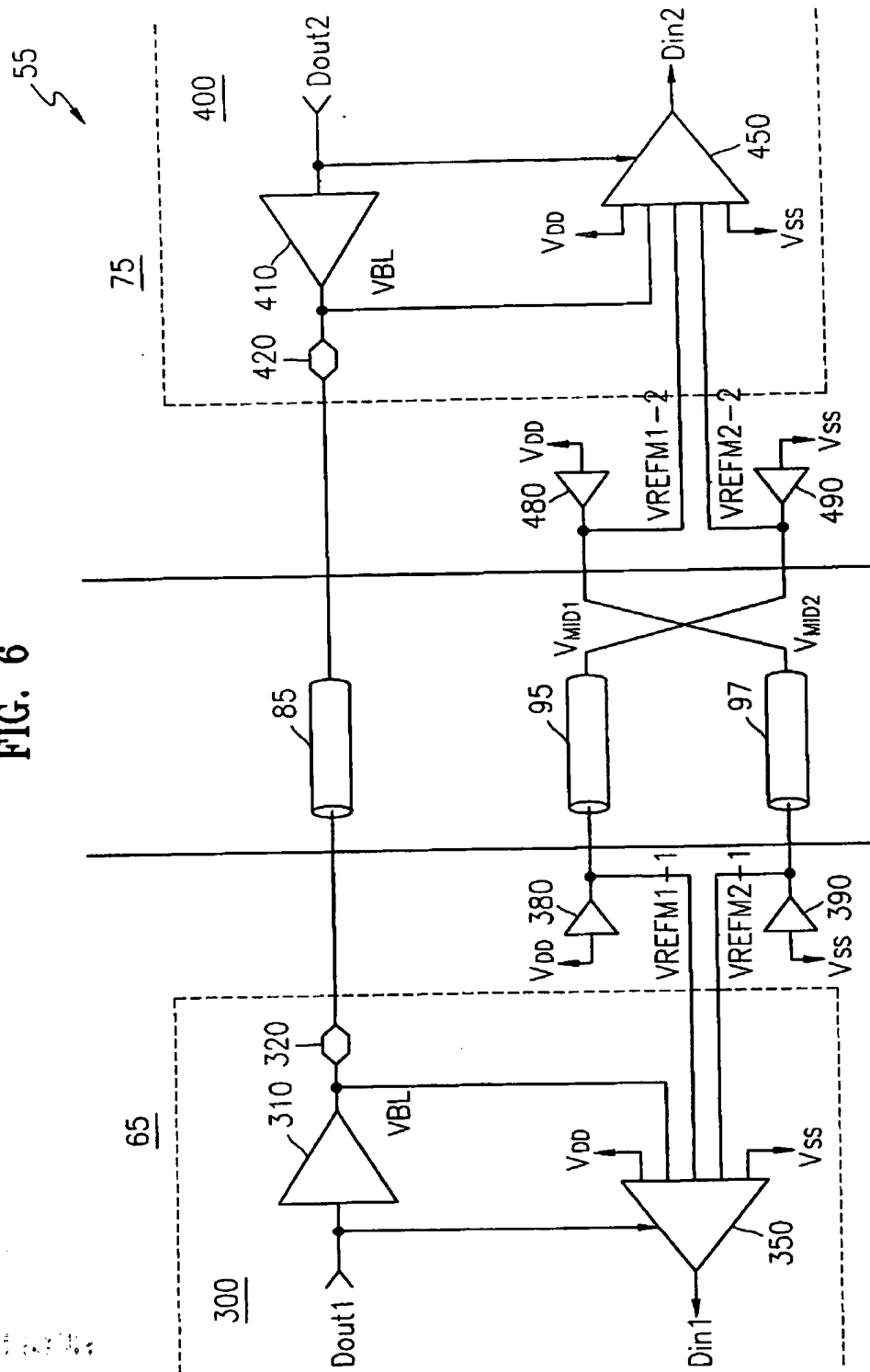
FIG. 5B



Woo-Seop KIM
 SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
 Attorney Docket No. 9898-317/Application No. 10/748,748

5/10

FIG. 6



Woo-Seop KIM
SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
Attorney Docket No. 9898-317/Application No. 10/748,748

6/10

FIG. 7A

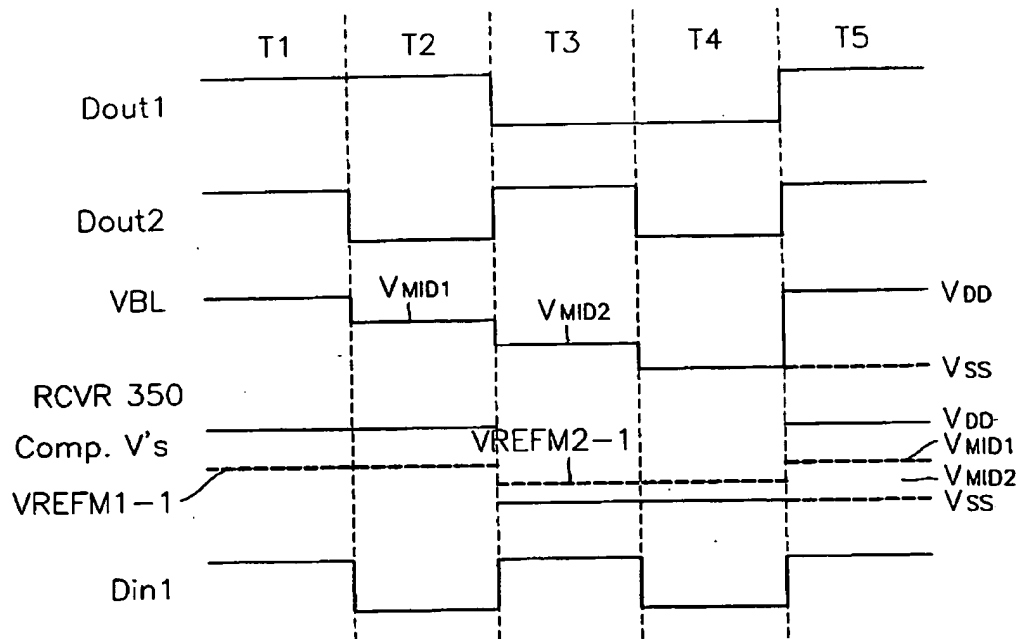
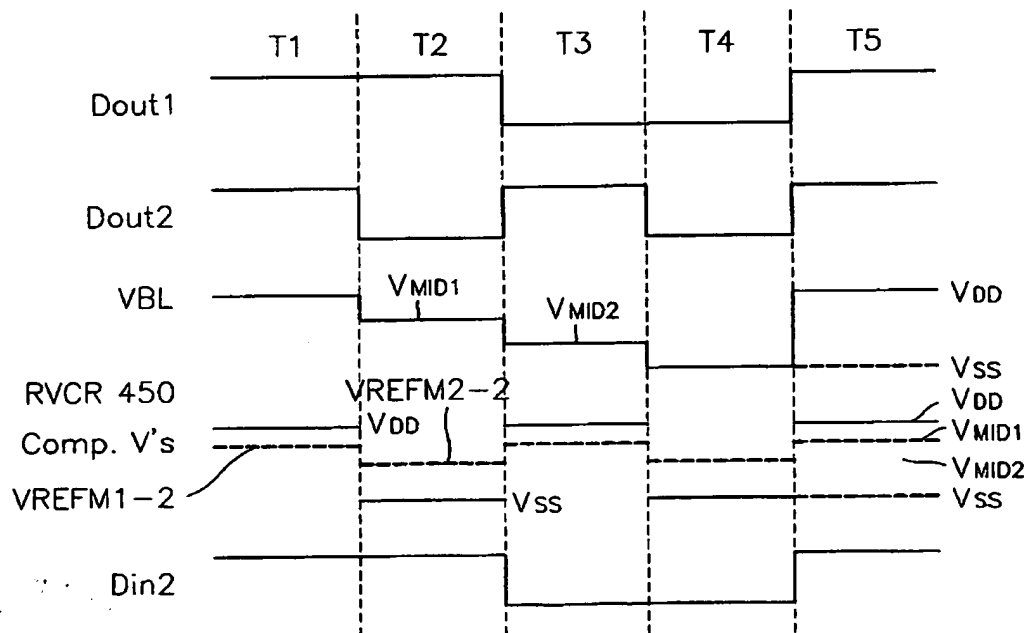


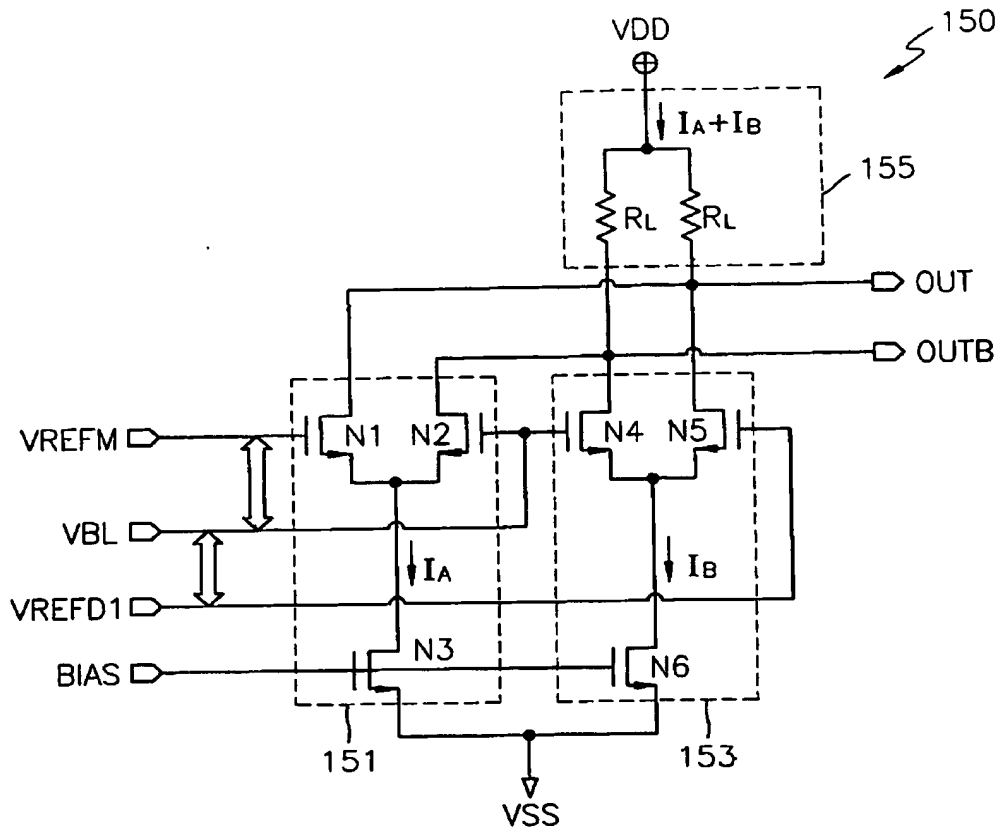
FIG. 7B



Woo-Seop KIM
SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
Attorney Docket No. 9898-317/Application No. 10/748,748

7/10

FIG. 8



Woo-Seop KIM
SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
Attorney Docket No. 9898-317/Application No. 10/748,748

8/10

FIG. 9

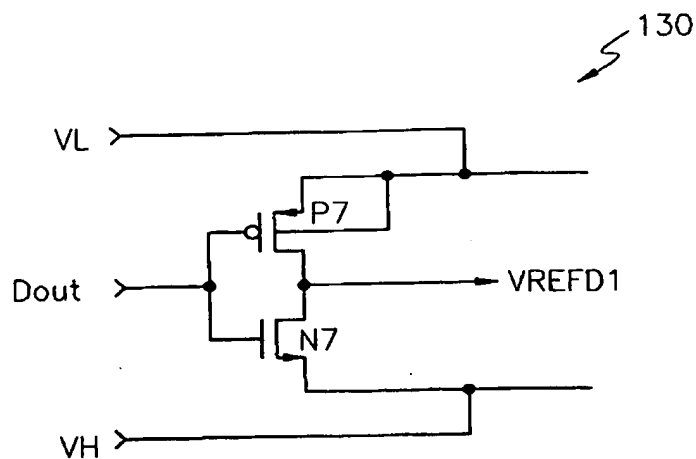
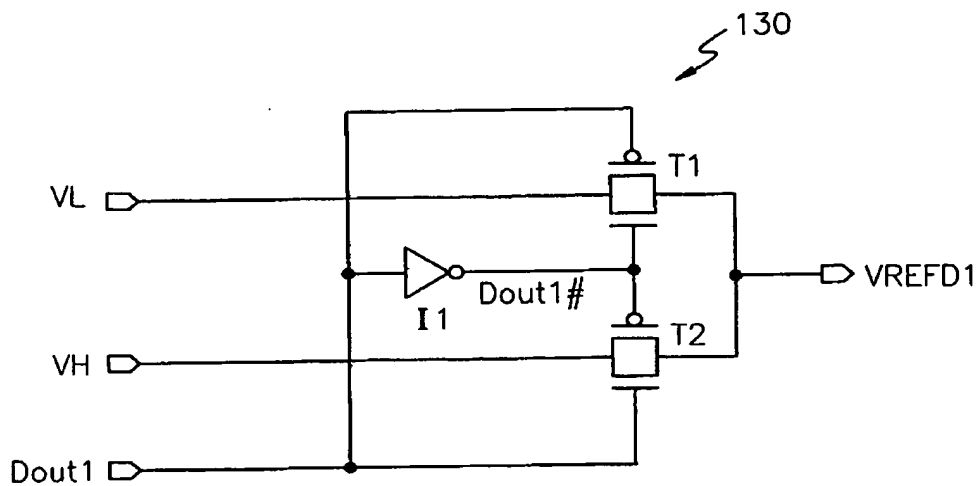


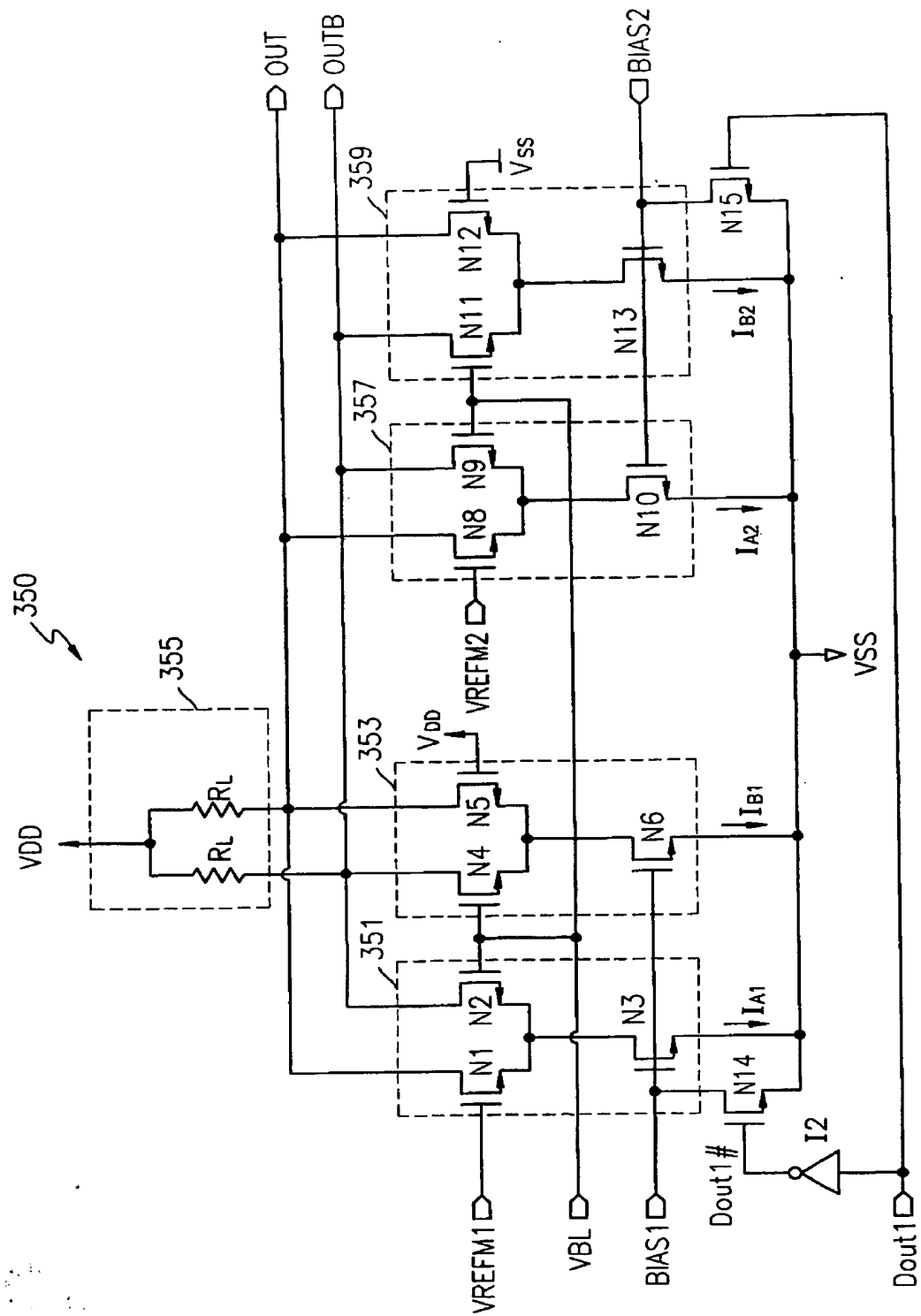
FIG. 10



Woo-Seop KIM
 SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
 Attorney Docket No. 9898-317/Application No. 10/748,748

9/10

FIG. 11



Woo-Seop KIM
SIMULTANEOUS BIDIRECTIONAL INPUT/OUTPUT CIRCUIT AND METHOD
Attorney Docket No. 9898-317/Application No. 10/748,748

10/10

FIG. 12

